

**Block 16:** Qualified to Operate. Enter detailed description of vehicle or equipment (transcribed from DA Form 348; blocks 13 and 14). If additional space is needed to record vehicles or equipment that an individual is qualified to operate, use the Part 2 portion of additional OF 346. Be sure to annotate the same card number as the original OF 346 in Block 17 of all additional Part 2 portions. The qualifying official is the examiner, who is designated in writing by the commanding officer to conduct driver testing and to verify driver performance qualification.

**Block 17:** Other Records (Optional). Enter the card number as shown in block 1. In addition, use this block to enter additional vehicles or equipment operator is qualified on, as well as locally required entries (that is, winter driver training, and so forth) If parts 1 and 2 become separated, this will not void the OF 346 as long as both parts are available and have the same card number (see instructions for block 1 above). An individual must carry both parts when driving or operating vehicles or equipment.

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**Figure 6–1. Sample Form OF 346 with Instructions—Continued**

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## **Chapter 7**

### **Mechanical or Ground Support Equipment**

#### **7–1. Qualification to operate**

a. All military personnel and DA civilians must have an OF 346 and demonstrate their proficiency in order to operate the following mechanical or ground support equipment:

- (1) Electrical power generating equipment, 0.5 KW and above (electric motor driven, diesel engine driven, gasoline engine driven, and gas turbine driven sets).
- (2) Gas generating equipment, all sizes and capacities (such as oxygen, nitrogen, and acetylene).
- (3) Water purification sets, all sizes and capacities.
- (4) Air compressors, all pressures (not to include installed automatically controlled units).
- (5) Materiel or cargo handling equipment, all sizes and capacities, for example, forklift trucks, warehouse tractors and cranes, straddle trucks, and flightline tugs.
- (6) Railroad equipment, all sizes and capacities (locomotive, locomotive cranes, and motor cars).
- (7) Bridging equipment, all bridge erection boats, mobile assault float bridge or ferry transporters, and outboard motors.
- (8) Self-propelled amphibious equipment, all sizes and capacities (LARC–V, –XV, and –LX, and LACV–30).
- (9) Construction equipment or off-road equipment, all sizes and capacities (including but not limited to tractors, wheeled or tracked; cranes, wheeled or tracked; front loaders; small emplacement excavators (SEEs); motorized or self-propelled scrapers, rollers, sweepers, and earth augers, saw mills; chain saws; snow plow-rotary; ditching machines; rock crushing and screening plants; asphalt batch plants; concrete mixers and plants; asphalt and concrete spreaders; water and bituminous distributors; hot oil heaters; and hydraulic or mechanical vibrating tampers).
- (10) Heating and cooling equipment, all sizes and capacities (such as air conditioning and refrigeration units powered by liquid fuel engines, space duct-type heaters using liquid fuel, and steam cleaning equipment).
- (11) Pumping equipment; all pumps 50 gallons per minute (GPM) and above, when powered by liquid fuel engines.
- (12) Printing presses and paper cutters, all makes and models, excluding manually operated paper cutters.
- (13) Mine-detecting equipment, truck mounted; all makes and models.
- (14) Utility element (power plant) used with the medical unit, self-contained, transportable hospital elements, all makes and models.
- (15) Miscellaneous equipment, any equipment determined by the local commander or higher authority to warrant licensing such as powered lawn mowers; agricultural machinery; food preparation equipment; field ranges; immersion heaters; laundry equipment; snowmobiles; detecting sets, mine portable, AN/PRS–7 and AN/PSS–11.

b. Application of these procedures will begin with the selection of persons to be licensed. The tests prescribed herein will be given throughout the Army. Successful completion of the prescribed tests will not automatically qualify a person for retention as an Army vehicle or equipment operator if, for medical, disciplinary, or other reasons (including prior accident record, attitude toward driving, use of intoxicants or pathogenic drugs), he or she appears to be incapable of continuing as a safe and competent vehicle or equipment operator. The issuing authority may revoke an operator's OF 346 based on the recommendations of safety or medical personnel.

c. Training and education programs designed to establish and reinforce safe operating habits and positive attitudes toward driving are required for motor vehicle licensing and apply to all operators. Minimum training requirements are contained in chapter 4 for vehicles and chapter 7 for other equipment. MACOM and MUSARC commanders may establish more stringent training programs.

## **7-2. Procedures**

- a. Equipment operator testing and licensing procedures for self-propelled equipment will conform with this regulation. Additional procedures for materiel-handling equipment are contained in TB 600-2. Physical evaluation measures and operator performance tests will be used.
- b. Equipment operator testing and licensing procedures for nonself-propelled equipment will conform to the requirements contained in TB 600-1 and TB 600-2.
- c. Applicants will be required to satisfactorily demonstrate their proficiency in operating each piece of equipment for which they are to be licensed.
- d. Qualification on non-self-propelled equipment will be entered on DA Form 348, section I, and training will be entered in section III.

## **Chapter 8 Night Vision Devices**

### **8-1. Standardized training, testing, and licensing**

This chapter provides commanders with standardized training, testing, and licensing requirements for use of night vision devices (NVDs) by motor vehicle operators. Night vision devices include image intensification and thermal imaging devices (less weapon sights).

### **8-2. Training strategy**

- a. Commanders will manage NVD training programs according to this regulation and other applicable publications (see para 8-3, and determine what type of night training program best supports the unit mission).
- b. Commanders will establish speed limitations for all modes of driving with NVDs. In addition, commanders at all levels must understand the devices' limitations to conduct effective risk assessments for NVD training (see FM 21-305 and TC 21-305-2 for technical information on NVDs to assist in making these important decisions and assessments).
- c. The ability to drive with night vision devices is a highly perishable skill. Proficiency can be developed and maintained only through continuous hands-on training. Units will conduct qualification and refresher training per guidance in paragraphs 8-5 and 8-6.

### **8-3. Training materials**

The following are useful training materials:

- a. FM 21-305, *Manual for the Wheeled Vehicle Driver*: night vision goggle (NVG) driving techniques and procedures, mission planning, safety factors, training programs, and guidance on unit standard operating procedures (SOPs) for wheeled vehicle, motorcycle, and ATV operators.
- b. TC 21-305-2, *Training Program for Night Vision Goggle Driving Operations*: NVG lesson plans, training calendar, written exam, eye charts, and paper transparencies.
- c. TC 21-306, *Tracked Combat Vehicle Driver Training*: Procedures for the tracked vehicle operator.
- d. Technical Manuals (TMs) pertaining to specific types of NVDs provide maintenance and operator instructions.

### **8-4. Night vision device instructors**

- a. Instructor training for wheeled vehicles will comply with TC 21-305-2, and the guidelines in this chapter for qualification and refresher training.
- b. Instructors must be NVD qualified, and licensed on the vehicles on which training is conducted, and must be designated in writing by the commander as certified NVD instructors.
- c. Instructors will implement the commander's program, conduct qualification and refresher training, administer road tests, and keep the commander informed on the overall status of the unit's NVD profile.
- d. Instructors will document qualification and refresher training on the individual's DA Form 348, section III, and annotate on the OF 346 and DA Form 348, section I, the specific type of NVD on which the individual is qualified.

### **8-5. Qualification training**

Qualification training will include sequential instruction in both academic and night driving tasks. A qualified NVD instructor must supervise all instruction.

- a. *NVD academics*. During NVD qualification, the operator will receive instruction in academic subjects (see app I) and must pass a written examination (see TC 21-305-2).
- b. *NVD driver training*. The operator will receive hands-on instruction in order to demonstrate proficiency while driving with the use of NVDs (see app I for task list). An NVD-equipped instructor will be in the vehicle during night driver training.
- c. *Qualification requirements*. To be qualified and licensed on NVDs, motor vehicle operators must—